

PTO/SB/06 (08-03)

Approved for use through 7/31/2008. OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PATENT APPLICATION FEE DETERMINATION RECORD						Application or Docket Number 10/790,316			
Substitute for Form PTO-875									
CLAIMS AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA		RATE	FEE	RATE	FEE		
BASIC FEE (37 CFR 1.18(a))					385		\$		
TOTAL CLAIMS (37 CFR 1.18(c))		minus 20 =	•	x \$ 9 =	1,278	x \$			
INDEPENDENT CLAIMS (37 CFR 1.18(b))		minus 3 =	•	x \$ 43 =	215	x \$			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.18(d))				+ \$ 145 =	145	+ \$			
				TOTAL	2,023	TOTAL			
* If the difference in column 1 is less than zero, enter "0" in column 2.									
CLAIMS AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
Total (37 CFR 1.18(c))	170^K	Minus	162	x \$ 9 =	72	x \$			
Independent (37 CFR 1.18(d))	4	Minus	0	x \$ 43 =	-129	x \$			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				+ \$	N/C	+ \$			
				TOTAL ADD'L FEE	-57	TOTAL ADD'L FEE			
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
Total (37 CFR 1.18(c))	179^K	Minus	170	x \$ 9 =	81	x \$			
Independent (37 CFR 1.18(d))	4	Minus	4	x \$	N/C	x \$			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				+ \$	N/C	+ \$			
				TOTAL ADD'L FEE	81	TOTAL ADD'L FEE			
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE		
Total (37 CFR 1.18(c))	174	Minus	179	x \$ 9 =	-45	x \$			
Independent (37 CFR 1.18(d))	3	Minus	4	x \$ 43 =	-43	x \$			
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))				+ \$	N/C	+ \$			
				TOTAL ADD'L FEE	-88	TOTAL ADD'L FEE			
<p>* New rule increase.</p> <p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>									

\$88 + 57 = \$135 overage on account.

This collection of information is required by 37 CFR 1.18. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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10/790,316

Preliminary Amendment

06/17/05

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CENTRAL FAX CENTER

JUN 17 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Haase, Richard A.

Serial No.: 10/790,316

A continuation of PCT/US 03/11250
and PCT/US 03/41719

Filed: March 1, 2004

Claiming Priority of:
PCT/US 03/11250 filed 4/10/03,
PCT/US 03/41719 filed 10/11/03,
60/447,880 filed 2/14/03,
60/404,644 filed 8/19/02,
60/379,587 filed 5/10/02, and
60/371,768 filed 4/11/02.

**Title: Water Combustion Technology -
Methods, Processes, Systems and
Apparatus for the Combustion of
Hydrogen and Oxygen**

The Honorable Commissioner for Patent and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

By Fax: 703.872.9306

TRANSMITTAL LETTER

Enclosed for filing is a preliminary amendment. Please enter in support of said application for patent:

1. Transmittal letter (2 pages);
2. Preliminary amendment (21 pages);
3. Copy of Fee Transmittal as originally filed (1 page);
4. Copy of Fee Transmittal as filed 9/13/04 (1 page);
5. Patent Application Fee Determination Record (1 page);
6. Copy of "Notice to File Missing Parts of Nonprovisional Application" (2 pages).

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Approved for use through 07/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)81.00

Complete If Known

Application Number	10/790,316
Filing Date	03/01/04
First Named Inventor	Haase, Richard A.
Examiner Name	
Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: _____
Deposit Account Name: _____

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)385

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: _____
Independent Claims: _____
Multiple Dependent: _____
Extra Claims Fee from: _____
Fee Paid: N/A

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 16	2202 9	Claims in excess of 20	
1201 85	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claims, if not paid	
1204 85	2204 43	** Release independent claims over original patent	
1205 16	2205 9	** Release claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1612 2,550	2512 1,275	For filing a request for an appeal examination	
1804 920	2804 460	Requesting publication of SR prior to Examiner action	
1805 1,840	2805 920	Requesting publication of SR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	2451 755	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or release)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1480 130	2480 65	Petitions to the Commissioner	
1807 50	2807 25	Processing fee under 37 CFR 1.17(c)	
1808 180	2808 90	Submission of Information Disclosure Sheet	
8021 40	2821 20	Recording each patent assignment per property (three number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.229(a))	
1010 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 450	Request for expedited examination of a design application	

Other fee (specify): Fee correction attached 81.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)81.00

SUBMITTED BY

Name (Print/Type)	Richard A. Haase	Registration No. (Attorney/Agent)		Telephone	(281) 261-9545
Signature	<i>Richard A. Haase</i>	Date	9/13/04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 033.

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Approved for use through 07/31/2008, OMB 0551-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
PTO/SB/17 (10-03)**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003: Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)1,808

Complete if Known

Application Number

Filing Date

3/01/04

First Named Inventor

Richard A. Haase

Examiner Name

Art Unit

Attorney Docket No.

CV-049**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	<u>385</u>
1002 340	2002 170	Design filing fee	<u>-</u>
1003 530	2003 265	Plant filing fee	<u>-</u>
1004 770	2004 385	Reissue filing fee	<u>-</u>
1005 160	2005 80	Provisional filing fee	<u>-</u>

SUBTOTAL (1) (\$)385**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from	Fee Paid
162	20** = 142	4	<u>568</u>
8	3** = 3	43	<u>129</u>
Multiple Dependent			<u>196</u>

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 8	Claims in excess of 20
1201 88	2201 43	Independent claims in excess of 3
1203 250	2203 145	Multiple dependent claim, if not paid
1204 88	2204 43	** Reissue independent claims over original patent
1206 18	2206 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)1,808

**or number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1812 2,520	2812 2,520	For filing a request for ex parte reexamination	
1804 820*	2804 820*	Requesting publication of SIF prior to Examiner action	
1805 1,840*	2805 1,840*	Requesting publication of SIF after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 650	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
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1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
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1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(a))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 450	Request for expedited examination of a design application	

Other fee (specify)

N/A

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)0**SUBMITTED BY**

Name (Print/Type)

Richard A. Haase

Registration No.

(Name/Doen)

Telephone

281.266.9443

Signature

[Signature]

Date

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